

## SAFETY DATA SHEET FCH5 : ㄥ TG6 TIMBER GROUT 3480/3482 BASE PART A

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier **FCH5 : ㄥ TG6 TIMBER GROUT (BASE) PART A**  
 Product Name **FCH5 : ㄥ TG6 TIMBER GROUT (BASE) PART A**

Relevant identified uses of the substance or mixture and uses advised against

Identified uses Refer to technical data sheet  
 Uses advised against Specific uses are identified above and in the technical data sheet. No other uses have been identified and are advised against.

Details of the supplier of the safety data sheet  
Manufacturer / Supplier

Rotafix (Northern) Ltd  
 Rotafix House  
 Hennoyadd Road  
 Abercraf, Swansea  
 SA9 1UR  
 sales@rotafix.co.uk

EMAIL

**EMERGENCY TELEPHONE OFFICE HOURS - +44(0)1639 730481**

### 2. HAZARDS IDENTIFICATION

CLASSIFICATION *of the substance or mixture*  
 CLASSIFICATION according to regulation (EC 1272/2008)



GHS09 environment



GHS08



GHS07

Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects

Skin Irrit. 2	H315 Causes skin irritation
Eye Irrit. 2	H319 Causes serious eye irritation
Skin Sens.1	H317 May cause an allergic skin reaction

Label In Accordance With (EC) No 1272/2008

SIGNAL WORD	Warning
CONTAINS	Epoxy resin Epoxy resin (average molecular weight <700)
	REACTION PRODUCT BISPHENOL - A

## SAFETY DATA SHEET FCH5 : L TG6 TIMBER GROUT 3480/3482 BASE PART A

HAZARD STATEMENTS	H315 H317 H319 H411	Causes skin irritation May cause an allergic skin reaction Causes serious eye irritation Toxic to aquatic life with long lasting effects
PRECAUTIONARY STATEMENTS	P273 P280 P305+351+338 IF IN EYES:  P313 P501a	Avoid release to the environment Wear protective gloves/protective clothing/eye protection/face protection Rinse cautiously with water for several minutes. Remove Contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention Dispose of contents / container in accordance with local/regional/national / international regulations
SUPPLEMENTARY PRECAUTIONARY STATEMENTS	P272 P261 P264 P321 P302+352 P332+313  P333+313 P337 P362 P363 P391	Contaminated work clothing should not be allowed out of the workplace Avoid breathing vapour/spray Wash contaminated skin thoroughly after handling Specific treatment (see medical advice on this label) IF ON SKIN: Wash with plenty of soap and water If skin irritation occurs: Get medical advice/attention  If skin irritation or rash occurs: Get medical advice/attention If eye irritation persists: Get medical advice/attention Take off contaminated clothing and wash before reuse Wash contaminated clothing before reuse Collect spillage.
OTHER HAZARDS)		This product does not contain any PBT or vPvB

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

BISPHENAL F EPOXY RESIN	10 – 30%
CAS-No.: 9003-36-5	
LOW BOILING POINT NAPHTHA – UNSPECIFED – STODDARD SOLVENT	1 – 10%
CAS-No.: 8052-41-3	
OXIRANE, MONO (C12-14 ALKYL OXY) METHYL DERIVATIVES	10 – 30%
CAS-No.: 68609-97-2	
BISPHENAL A EPOXY RESIN NUMBER AVERAGE MW <700	50 – 70%
CAS-No.: 25068-38-6	
Classification (EC 1272/2008)	Classification (67/548/EEC)
Skin Irrit. 2 - H315	R43
Eye Irrit. 2 - H319	Xi;R36/38
Skin Sens. 1 H317	N;R51/53
Aquatic Chronic 2 - H411	

## SAFETY DATA SHEET FCH5 : ㄥ TG6 TIMBER GROUT 3480/3482 BASE PART A

### 4 FIRST AID MEASURES

#### GENERAL INFORMATION

Get medical attention immediately. If in doubt, get medical attention promptly. Keep affected person under observation. Never Give anything by mouth to an unconscious person. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen  
Move affected person to fresh air at once. Remove affected person from source of contamination. Show this Safety Data Sheet to the medical personnel.

#### INHALATION

Move the exposed person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.

#### INGESTION

NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Rinse mouth thoroughly. Get medical attention if any discomfort continues.

#### SKIN CONTACT:

Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

#### EYE CONTACT

Remove victim immediately from source of exposure. Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

#### MOST IMPORTANT SYMPTOMS AND EFFECTS BOTH ACUTE AND DELAYED

Seek medical attention in case of contact with Skin, Eyes or IF Inhaled. If adverse develop seek medical attention. Treat symptomatically. The severity of the symptoms described will vary dependant on the concentration and the length of exposure. The product contains a sensitising substance.

#### INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

No specific antidote is known. No specific treatment is known. Treat symptomatically

### 5 FIRE-FIGHTING MEASURES

#### EXTINGUISHING MEDIA

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

#### UNSUITABLE EXTINGUISHING MEDIA

Do not use water jet as an extinguisher, as this may spread the fire.

#### HAZARDS COMBUSTION PRODUCTS

None under normal conditions. In case of fire, toxic gases (CO, CO<sub>2</sub>, NO<sub>x</sub>) may be formed

#### UNUSAL FIRE & EXPLOSION HAZARDS

No unusual fire or explosion hazards noted.

#### SPECIFIC HAZARDS

In case of fire, toxic gases may be formed (CO<sub>x</sub>, NO<sub>x</sub>,). Not known

#### PROTECTIVE EQUIPMENT FOR FIRE FIGHTERS

Wear SCBA breathing apparatus and chemical resistant suits to EN 469 standard

## SAFETY DATA SHEET FCH5 : 4 LG6 TIMBER GROUT 3480/3482 BASE PART A

### 6 ACCIDENTAL RELEASE MEASURES

#### PERSONAL PRECAUTIONS

Do not handle broken packages without protective equipment, Avoid contact with contaminated tools and objects. Avoid contact with eyes and prolonged skin contact. Avoid inhalation of vapours and contact with skin and eyes. Wash thoroughly after dealing with a spillage. Wear protective clothing as described in Section 8 of this safety data sheet.

#### ENVIRONMENTAL PRECAUTIONS

Avoid discharge into drains, water courses or onto the ground.

#### SPILL CLEAN UP METHODS

Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush with plenty of water to clean spillage area. Do not contaminate water sources or sewer.

### 7 HANDLING AND STORAGE

#### USAGE PRECAUTIONS

Avoid spilling, skin and eye contact.

#### STORAGE PRECAUTIONS

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container.

#### STORAGE CLASS

Chemical storage.

### 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

WEL = Workplace Exposure Limit.

#### INGREDIENT COMMENTS

WEL = Workplace Exposure Limit

#### PROTECTIVE EQUIPMENT



#### PROCESS CONDITIONS

Provide eyewash station.

#### ENGINEERING MEASURES

Provide adequate ventilation. Observe Occupational Exposure Limits and minimise the risk of inhalation of vapours.

#### RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists. HAND

#### PROTECTION

Use protective gloves made of: Nitrile. Viton rubber (fluor rubber). Barrier cream applied before work may make it easier to clean the skin after exposure, but does not prevent absorption through the skin.

#### EYE PROTECTION

Wear tight-fitting goggles or face shield.

#### OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of skin contact.

#### HYGIENE MEASURES

DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

## SAFETY DATA SHEET FCH5 : 4 TG6 TIMBER GROUT 3480/3482 BASE PART A

### 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid
COLOUR	Amber
ODOUR	Characteristic
SOLUBILITY	Immiscible with water

### 10 STABILITY AND REACTIVITY

#### STABILITY

Stable under normal temperature conditions.

#### CONDITIONS TO AVOID

Avoid excessive heat for prolonged periods of time.

#### HAZARDOUS POLYMERISATION

Will not polymerise.

#### MATERIALS TO AVOID

Strong oxidising substances.

#### HAZARDOUS DECOMPOSITION PRODUCTS

Fire creates: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

### 11 TOXICOLOGICAL INFORMATION

#### INHALATION

Irritating to respiratory system.

#### INGESTION

May cause stomach pain or vomiting.

#### SKIN CONTACT

May cause sensitisation by skin contact. Irritating to skin.

#### EYE CONTACT

Irritating to eyes.

### 12 ECOLOGICAL INFORMATION

#### ECOTOXICITY

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### 13 DISPOSAL CONSIDERATIONS

#### DISPOSAL METHODS

APPEARANCE	Liquid
COLOUR	Amber
ODOUR	Characteristic
SOLUBILITY	Immiscible with water

Dispose of waste and residues in accordance with local authority requirements.

## SAFETY DATA SHEET FCH5 : 4 TG6 TIMBER GROUT 3480/3482 BASE PART A

### 14 TRANSPORT INFORMATION



PROPER SHIPPING NAME	ENVIROMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S (EPOXY RESIN (Number average MW <=700), epoxy resin)
ENVIROMETNALLY HAZARDOUS SUBSTANCE/MARINE POLLUTANT	No
UN NO. ROAD	3082
ADR CLASS NO.	9
ADR CLASS	Class 9: Miscellaneous dangerous substances and articles
ADR PACK GROUP	III
HAZARD No. (ADR)	90
ADR LABEL NO.	9
HAZCHEM CODE	3Z
UN NO. SEA	3082
IMDG CLASS	9
IMDG PACK GR.	III
EMS	F-A, S-F
UN NO. AIR	3082
AIR CLASS	9
AIR PACK GR.	III
TUNNEL RESTRICTION CODE	(E)

### 15 REGULATORY INFORMATION

#### STATUTORY INSTRUMENTS

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (5.1 2009 No. 716).

#### APPROVED CODE OF PRACTICE

Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply.

#### GUIDANCE NOTES

Workplace Exposure Limits EH40.

### 16 OTHER INFORMATION

#### HAZARD STATEMENTS IN FULL

H319	Causes serious eye irritation
H315	Causes skin irritation
H226	Flammable liquid and vapour
H304	May be fatal if swallowed and enters airways
H317	May cause an allergic skin reaction
H336	May cause drowsiness or dizziness
H335	May cause respiratory irritation
EUH066	Repeated exposure may cause skin dryness or cracking
H411	Toxic to aquatic life with long lasting effects

## SAFETY DATA SHEET F CH5 : ¼ TG6 TIMBER GROUT 3480/3482 BASE PART A

### RISK PHRASES IN FULL

R10	Flammable.
R65	Harmful: may cause lung damage if swallowed.
R36/38	Irritating to eyes and skin.
R37	Irritating to respiratory system.
R38	Irritating to skin.
R43	May cause sensitisation by skin contact.
R66	Repeated exposure may cause skin dryness or cracking.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R67	Vapours may cause drowsiness and dizziness.

### DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warrant) guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

MSDSJUNE2015/3480/3482/A

## SAFETY DATA SHEET FCH5 : 4 TG6 TIMBER GROUT 3480/3482 HARDENER PART B

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME SUPPLIER	<b>FCH5 : 4 TG6 TIMBER GROUT PART B</b> Rotafix (Northern) Ltd Rotafix House Hennoyadd Road Abercraf, Swansea SA9 1UR
EMAIL	sales@rotafix.co.uk
EMERGENCY TELEPHONE	OFFICE HOURS - +44(0)1639 730481

### 2. HAZARDS IDENTIFICATION

CLASSIFICATION (1999/45) CLASSIFICATION (EC 1272/2008)	Xn;R21/22.C: R34. R43. R52/53
Physical and Chemical Hazards	Not classified.
Human health	Acute Tox. 4 -H302;Acute Tox. 4 -H332;Skin Corr. 1 B -H314;Skin Sens.1 - H 317
Environment	Aquatic Chronic 3 – H412

LABEL I N ACCORDANCE WITH (EC) NO. 1272/2008



GHS05



GHS07



GHS08

SIGNAL WORD	Danger
CONTAINS	Blend : Aliphatic Amine, Isophorondiamine

HAZARD STATEMENTS	H302 H302 H314 H317 H412	Harmful if swallowed Harmful in contact with skin Causes severe skin burns and eye damage May cause an allergic reaction Harmful to aquatic life with long lasting effects
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PRECAUTIONARY STATEMENTS	P280 P281 P305+351+338  P308+313 P310 P501	Wear protective gloves/protective clothing/eye protection/face protection Use personal protective equipment as required. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention Immediately call a POISON CENTER or doctor/physician Dispose of contents/container to....
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## SAFETY DATA SHEET FCH5 : 4 TG6 TIMBER GROUT 3480/3482 HARDENER PART B

### SUPPLEMENTARY PRECAUTIONARY STATEMENTS

P201	Obtain special instructions before use
P202	Do not handle until all safety precautions have been read and understood
P270	Do not eat, drink or smoke when using this product
P272	Contaminated work clothing should not be allowed out of the understood
P260	Do not breathe vapour/spray
P261	Avoid breathing vapour/spray
P264	Wash contaminated skin thoroughly after handling
P321	Specific treatment (see medical advice on this label)
P301+312	IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
P301+330+331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting
P302+352	IF ON SKIN: Wash with plenty of soap and water
P303+361+353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing Rinse skin with water/shower
P304+340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
P305+351+338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312	Call a POISON CENTER or doctor/physician if you feel unwell
P330	Rinse mouth
P333+313	If skin irritation or rash occurs: Get medical advice/attention
P363	wash contaminated clothing before reuse
P405	Store locked up

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

#### MIXTURES

BENZYL ALCOHOL	30-50%	CAS-No: 100-51-6
M-PHENYLENEBIS(METHYLAMINE)	10-30%	CAS-No: 1477-55-0
3-AMINOMETHYL-3,5,5-TRIMETHYLCYCLOHEXYLAMINE	30-50%	CAS-No: 2855-13-2
SALICYLIC ACID	1-10%	CAS-No: 69-72-7

#### Classification (EC 1272/2008)

Skin Irrit. 2 – H315

Eye Irrit. 2 – H319

STOT SE 3 – H335 Aquatic Chronic 2 – H411

#### Classification (67/548/EEC)

Xi:r36/37/38.

N:R51/53.

The Full Text for all R-Phrases and Hazard Statements is Displayed in section 16

## SAFETY DATA SHEET F CH5 : 4 TG6 TIMBER GROUT 3480/3482 HARDENER PART B

### 4 FIRST-AID MEASURES

#### DESCRIPTION OF FIRST AID MEASURES

##### INHALATION

Move the exposed person to fresh air at once. Rinse nose and mouth with water. NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Keep the affected person warm and at rest. Get prompt medical attention.

##### INGESTION

DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Rinse mouth thoroughly.

Provide rest, warmth and fresh air. Get medical attention immediately!

##### SKIN CONTACT

Remove affected person from source of contamination. Rinse the skin immediately with lots of water. Get medical attention promptly if symptoms occur after washing.

##### EYE CONTACT

Remove victim immediately from source of exposure. Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

#### MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

##### General information

Seek medical attention in cause of contact with skin and eyes or inhalation or ingestion. If adverse symptoms develop seek medical attention  
Irritating effects on eyes, seek medical attention on contact with eyes

### 5 FIRE-FIGHTING MEASURES

#### EXTINGUISHING MEDIA

Use fire-extinguishing media appropriate for surrounding materials.

#### UNUSUAL FIRE & EXPLOSION HAZARDS

No unusual fire or explosion hazards noted.

#### SPECIFIC HAZARDS

In case of fire, toxic gases may be formed (COx, NOx).

#### PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

### 6 ACCIDENTAL RELEASE MEASURES

#### PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet. Eye contact MUST be prevented by means of suitable personal protection equipment. Use protective gloves, goggles and suitable protective clothing. Avoid inhalation of vapours and contact with skin and eyes. Provide adequate ventilation.

#### ENVIRONMENTAL PRECAUTIONS

Do not allow to enter drains, sewers or watercourses.

#### METHODS AND MATERIAL FOR CONTAINMENT AND SPILL /CLEAN UP METHODS

Wear necessary protective equipment. Stop leak if possible without risk. DO NOT touch spilled material!, Absorb in vermiculite, dry sand or earth and place into containers.

Do not let washing down water contaminate ponds or waterways.

### 7 HANDLING AND STORAGE

#### PRECAUTIONS FOR SAFE HANDLING

Store in tightly closed original container in a dry, cool and well ventilated place. Keep in original container.

#### CONDITIONS FOR SAFE STORAGE

Store in tightly closed original container in a dry cool and well ventilated place – keep in original container /pack

#### SPECIFIC END USE(S)

Refer to product data sheet

## SAFETY DATA SHEET F CH5 : 4 TG6 TIMBER GROUT 3480/3482 HARDENER PART B

### 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

#### INGREDIENT COMMENTS

WEL = Workplace Exposure Limits

#### PROTECTIVE EQUIPMENT



PROCESS CONDITIONS Provide eyewash station.

#### ENGINEERING MEASURES

Provide adequate general and local exhaust ventilation.

#### RESPIRATORY EQUIPMENT

If ventilation is insufficient, suitable respiratory protection must be provided. Use chemical cartridge protection with appropriate cartridge.

HAND PROTECTION Nitrile gloves are recommended, but be aware that the liquid may penetrate the gloves. Frequent change is advisable. Barrier cream applied before work may make it easier to clean the skin after exposure, but does not prevent absorption through the skin.

#### EYE PROTECTION

Wear tight-fitting goggles or face shield.

#### OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of skin contact.

#### HYGIENE MEASURES

Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly with soap & water if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

### 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Clear, yellowish liquid.
COLOUR	Yellowish
ODOUR	Amine.
SOLUBILITY	Immiscible with water
BOILING POINT (°C)	100
MELTING POINT (°C)	Not determined
RELATIVE DENSITY	1.08
VAPOUR PRESSURE	23,392 hPa
VISCOSITY	n/a
FLASH POINT (°C)	n/a
AUTO IGNITION	Not detected

### 10 STABILITY AND REACTIVITY

#### REACTIVITY

No specific reactivity hazards associated with this product

#### CHEMICAL STABILITY

Stable under normal temperature conditions.

CONDITIONS TO AVOID Reacts violently with strong oxidising substances. HAZARDOUS POLYMERISATION

Will not polymerise.

#### MATERIALS TO AVOID

Strong oxidising substances. Strong acids.

#### HAZARDOUS DECOMPOSITION PRODUCTS

In case of fire, toxic gases (CO, CO<sub>2</sub>, NO<sub>x</sub>) may be formed.

### 11 TOXICOLOGICAL INFORMATION

#### INHALATION

May cause sensitisation by inhalation. May cause respiratory allergy.

#### INGESTION

Harmful if swallowed. May cause chemical burns in mouth and throat.



## SAFETY DATA SHEET FCH5 : 4 LG6 TIMBER GROUT 3480/3482 HARDENER PART B

APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply.

GUIDANCE NOTES

Workplace Exposure Limits EH40.

### 16 OTHER INFORMATION

#### RISK PHRASES IN FULL

R34	Causes burns.
R10	Flammable.
R20/22	Harmful by inhalation and if swallowed.
R22	Harmful if swallowed.
R21/22	Harmful in contact with skin and if swallowed.
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R36/38	Irritating to eyes and skin.
R37	Irritating to respiratory system.
R43	May cause sensitisation by skin contact.
R62	Possible risk of impaired fertility.
R41	Risk of serious damage to eyes.

#### HAZARD STATEMENTS IN FULL

H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H226	Flammable liquid and vapour.
H332	Harmful if inhaled.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H412	Harmful to aquatic life with long lasting effects.
H317	May cause an allergic skin reaction.
H335	May cause respiratory irritation.
H361f	Suspected of damaging fertility.

#### DISCLAIMER

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## SAFETY DATA SHEET FCH5 : ± TG6 TIMBER GROUT 3480/3482 FILLER

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier **FCH5 : ± TG6 TIMBER GROUT FILLER PART C**  
 Product Name **FCH5 : ± TG6 TIMBER GROUT FILLER PART C**

Relevant identified uses of the substance or mixture and uses advised against

Identified uses Refer to technical data sheet  
 Uses advised against Specific uses are identified above and in the technical data sheet. No other uses have been identified and are advised against.

Details of the supplier of the safety data sheet  
Manufacturer / Supplier

Rotafix (Northern) Ltd  
 Rotafix House  
 Hennoyadd Road  
 Abercraf, Swansea  
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 sales@rotafix.co.uk

EMAIL

**EMERGENCY TELEPHONE OFFICE HOURS - +44(0)1639 730481**

### 2. HAZARDS IDENTIFICATION

Irritating to eyes and skin. Risk of serious damage to eyes. May cause burns in the presence of moisture due to generation of strong alkaline solution of calcium hydroxide.

May cause allergic dermatitis due to the sensitivity of an individual's skin to soluble chromium (VI) in the presence of moisture.  
 Dust may cause irritation of the respiratory tract.

#### 2.1 Classification of the substance or mixture:

##### 2.1.1 Classification according to Regulation (EC) 1272/2008:

Hazard class	Hazard category	Classification procedure
Skin Irritation	2	On the basis of test data
Serious eye damage/eye irritation	1	On the basis of test data
Skin sensitisation	1	On the basis of literature survey
Specific target organ toxicity single exposure respiratory tract irritation	3	On the basis of literature survey

##### 2.1.2 Classification according to Directive 1999/45/EEC:

Xi Irritant

#### 2.2 Label elements

##### 2.2.1 Labelling according to Regulation (EC) 1272/2008:

Signal word: Danger

Hazard pictogram:



## SAFETY DATA SHEET FCH5 : 4 TG6 TIMBER GROUT FILLER

### Hazard statements:

H318: Causes serious eye damage

H315: Causes skin irritation

H317: May cause an allergic skin reaction

H335: May cause respiratory irritation

### Precautionary statements:

P102: Keep out of reach of children

P280: Wear protective gloves/protective clothing/eye protection/face protection

P305+P351+P338+P310: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing. Immediately call a POISON CENTRE or doctor/physician.

P302+P352+P333+P313: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.

P261+P304+P340+P312: Avoid breathing dust/fumes,gas,mist,vapours,spray. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTRE or doctor/physician.

P501: Dispose of contents/container according to local regulations.

### Supplemental information:

Skin contact with wet mortar may cause irritation, dermatitis or burns.

May cause damage to products made of aluminium or other non-noble metals.

### **2.2.2 Labelling according to Directive 1999/45/EEC:**

Signal word: Xi - Irritant

Hazard pictogram:



### Risk phrases:

R37/38 Irritating to respiratory system and skin

R41 Risk of serious damage to eyes

R43 May cause sensitisation by skin contact

### Safety phrases:

S2 Keep out of reach of children

S22 Do not breathe dust

S24/25 Avoid contact with skin and eyes

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S36/37/39 Wear suitable protective clothing, gloves and eye/face protection

S46 If swallowed, seek medical advice immediately and show this container or label

### **2.3 Other hazards**

Long term exposure to dust can lead to the development of lung disease during mechanical cutting, grinding or sanding of the set product.

Uncontrolled when printed

## 3 COMPOSITION/INFORMATION ON INGREDIENTS

### **3.2 Mixtures:**

TG6 & EP3 FILLER is a blend of Portland cement, silica sand, filler and additives.

Hazardous Ingredient - calcium hydroxide Ca(OH)<sub>2</sub> generated on contact with water. Hexavalent chromium salts dissolve in water.

## SAFETY DATA SHEET FCH5 : L TG6 TIMBER GROUT FILLER

Under CLP EC 1272/2008

Ingredient	%	Reach Reg No	CAS No.	EC No.	CLP Hazard Category	Hazard Statements
Ordinary Portland Cement (OPC)	5-30	N/a	65997-15-1	266-043-4	(1) STOT SE 3 (2) Skin irritation 2 (3) Serious eye damage/eye irritation 1 (4) Skin sensitization 1	(1) H335 – May cause respiratory irritation. (2) H315 – Causes skin irritation (3) H318 – Causes serious eye damage (4) H317 – May cause an allergic skin reaction

Under DPD EC1999/45

Ingredient	%	Reach Reg No.	CAS No.	EC No.	Symbol	Risk Phrase
Ordinary Portland Cement (OPC)	5-30	N/a	65997-15-1	266-043-4	Xi - Irritant	R37/38 – Irritating to respiratory system and skin R41 – Risk of serious damage to eyes R43 – May cause sensitization by skin contact

### 4 FIRST AID MEASURES

#### 4.1 Description of first aid measures:

##### 4.1.1 Routes of exposure;

Inhalation (Dust)	Move to fresh air. Dust in throat and nasal passages should clear spontaneously. Seek medical attention if irritation persists or later develops or if discomfort, coughing or other symptoms persist
Eye contact	Speed is essential. Immediately wash eyes with plenty of eyewash solution or running water, holding eyelids apart for 15 minutes. Do not rub eyes in order to avoid possible cornea damage as a result of mechanical stress. Always seek further specialist medical/eye specialist attention to check that all particles have been removed.
Skin contact	Remove affected clothing, footwear, watches, jewellery etc. Wash skin with soap and water immediately. Wash contaminated clothing before re-use. Seek medical attention if irritation occurs.
Ingestion	Immediately rinse mouth and drink plenty of water. Do not induce vomiting. Seek immediate medical advice if person becomes uncomfortable. Show the container or label used.

#### 4.2 Most important symptoms and effects, both acute and delayed;

**Eyes:** Eye contact with mortar (dry or wet) may cause serious and potentially irreversible injuries.

**Skin:** Product may have an irritating effect on moist skin (due to sweat or humidity) after prolonged contact or may cause contact dermatitis after repeated contact. Prolonged skin contact with wet mortar or concrete may cause serious burns because they develop without pain being felt (for example when kneeling in wet product even when wearing trousers).

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**Inhalation:** Irritating to the respiratory tract in high concentration.

**Environment:** Under normal use, this product is not hazardous to the environment.

### 4.3 Indication of any immediate medical attention and special treatment needed;

When contacting further medical advise. Show container, label or this SDS sheet.

## 5 FIRE-FIGHTING MEASURES

### 5.1 Extinguishing media:

5.1.2 Suitable extinguishing media;

The product is not combustible. Use a dry powder, foam or CO2 fire extinguisher to extinguish the surrounding fire. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

5.1.3 Unsuitable extinguishing media;

None identified.

### 5.2 Special hazards arising from the substance or mixture:

None identified

### 5.3 Advice for fire fighters:

None identified

## 6 ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures:

6.1.1. For Non-emergency personnel;

Wear suitable protective equipment (see section 8).

6.1.2 For emergency responders; N/a

### 6.2 Environmental precautions:

Do not wash product down sewage and drainage systems or into bodies of water (e.g. streams).

### 6.3 Methods and material for containment and cleaning up:

Dry product;

Use cleanup methods such as vacuum cleaning-up or vacuum extraction fitted with EPA/HEPA air filters which do not cause airborne dispersion.

Never use compressed air.

Alternatively, wipe-up the dust by mopping, wet brushing or by using water spray or hoses (fine mist to avoid dust becoming airborne) and remove slurry. If not possible, remove by slurring with water (see wet product).

If only dry cleaning by brushing can be done, ensure all appropriate personal wear correct PPE including dust mask and eye protection at all times (see section 8). Avoid inhalation of dust and place in a container and dispose of as detailed in section 13.

### Wet product:

Clean up wet material and place in container or controlled location. Allow material to dry and solidify before disposal as detailed in section 13.

### 6.4 Reference to other sections:

For more information on exposure controls/personal protection or disposal considerations, please check section 8 and 13 and the Appendix of this safety data sheet.

## 7 HANDLING AND STORAGE

### 7.1 Precautions for safe handling:

7.1.1 Protective Measures;

Do not ingest. Avoid contact with skin. Avoid contact with eyes

Wear protective equipment (refer to section 8 of this safety data sheet). Avoid generating dust.

7.1.2 Advice on general occupational hygiene;

General occupational hygiene measures are required to ensure safe handling of the product. These measures involve good personal and housekeeping practices. Wash hands after use if contaminated. Avoid wearing contaminated clothing. Do not handle or store near food and beverages or smoking material. In dusty environment, wear dust mask, protective goggles and gloves.

### 7.2 Conditions for safe storage, including any incompatibilities:

Bulk materials should be stored in silos that are waterproof.

Packed products should be stored in unopened bags clear of the ground in cool, dry conditions and protected from excessive draught, excesses in temperatures in order to avoid degradation of quality.

Bags should be stacked in a stable manner.

Do not use aluminium containers due to incompatibility of the materials.

### 7.3 Specific end use(s):

No additional information for the specific end users.

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### 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1 Control parameters:

Workplace exposure limits:

The following Workplace Exposure Limits (WEL's) for airborne dust are given in HSE Guidance Note EH40:

Total dust -	W.E.L. 10mg/m <sup>3</sup>	8 Hrs T.W.A.
Respirable dust -	W.E.L. 4mg/m <sup>3</sup>	8 Hrs T.W.A.
Crystalline Silica - (Respirable)	W.E.L. 0.1mg/m <sup>3</sup>	8 Hrs T.W.A.

W.E.L. = Workplace Exposure Limit

T.W.A. = Time Weighted Average

#### 8.2 Exposure controls:

8.2.1 Appropriate engineering controls;

Measures to reduce generation of dust and to avoid dust propagating in the environment such as regular housekeeping, exhaust ventilation and dry clean-up methods which do not cause airborne dispersion.

#### 8.2.2: Individual protection measures, such as personal protective equipment:

8.2.2.1: Eye/face protection		Wear approved glasses or goggles according to EN 166 with anti-mist for eye protection when handling wet or dry material
8.2.2.2: Skin protection		contact with wet products. Outer clothing should be waterproof if contact with wet product is likely. Wear impermeable boots to protect feet. Safety wellington boots should be worn if working with wet product, with waterproof trousers pulled over them to help prevent product entering the boots. If the product saturates clothing, or enters gloves or boots, remove the articles immediately and wash before wearing again
8.2.3.3: Respiratory protection		When a person is potentially exposed to dust levels above exposure limits, an appropriate respirator must be used dependant on expected dust levels
8.2.2.4: Thermal Hazards		The substance does not represent a thermal hazard, thus special consideration is not required.
8.2.3: Environmental Exposure Control		Not relevant unless large volume of product enter the watercourse.

### 9 PHYSICAL AND CHEMICAL PROPERTIES

#### 9.1.1 Information on basic physical and chemical properties:

Appearance:	Wet Product – semi solid state Dry Product – dry powder
Odour:	Slight, earthy odour
Odour threshold:	N/a
pH:	11-13.5, (20°C in water, water solid ratio 1:2)
Melting point:	1250 (typical)
Boiling point:	Not determined
Flash point:	N/a
Evaporation rate:	N/a
Flammability:	Non flammable
Explosive limits:	Non explosive
Vapour pressure:	N/a
Vapour density:	0 at 20°C
Relative density:	3.0 (typical)
Solubility in water:	Some components sparingly soluble
Partition coefficient:	N/a

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Auto ignition temperature: N/a  
 Decomposition temperature: N/a  
 Viscosity: N/a  
 Oxidising properties: No oxidising properties

### 10 STABILITY AND REACTIVITY

**10.1 Reactivity:**  
 When mixed with water, will harden into a stable mass that is not reactive in normal environments.

**10.2 Chemical Stability:**  
 Stable product under recommended storage and handling conditions.

**10.3 Possibility of hazardous reactions:**  
 This product does not cause hazardous reactions.

**10.4 Conditions to avoid:**  
 Dry Products – avoid humid conditions which may cause lump formation and loss of product quality.

**10.5 Incompatible Materials:**  
 Acids, ammonium salts, aluminium or other non-noble metals. Uncontrolled use of aluminium powder in wet product should be avoided as hydrogen is produced.

**10.6 Hazardous Decomposition Products:**  
 This product does not decompose into any hazardous products.

### 11 TOXICOLOGICAL INFORMATION

#### 11.1.1 Information on toxicological effects

Toxicity endpoints	Outcome of the effects assessment
Acute toxicity	Based on available data, the classification criteria are not met
Skin corrosion/irritation	<b>Category 2</b> When in contact with wet skin may cause thickening, cracking or fissuring on the skin. Prolonged contact in combination with abrasion may cause severe burns
Serious eye damage/irritation	<b>Category 1</b> Direct contact may cause corneal damage by mechanical stress, immediate or delayed irritation or inflammation. Direct contact by large amounts may cause effects ranging from moderate irritation to chemical burns and blindness
Respiratory or skin sensitisation	<b>Category 1</b> Some individuals may develop eczema upon exposure by either the high pH which induces irritant contact dermatitis after prolonged contact, or by an immunological reaction to soluble Cr(VI) which elicits allergic contact dermatitis. The response may appear in a variety of forms ranging from a mild rash to severe dermatitis. If the product contains a soluble Cr (VI) reducing agent and as long as the period of effectiveness of the agent is not exceeded, a sensitising effect is not expected. There is no indication of sensitisation of the respiratory system
Repeated dose toxicity	Based on available data, the classification criteria are not met
Germ cell mutagenicity	Based on available data, the classification criteria are not met
Carcinogenicity	Based on available data, the classification criteria are not met
Toxicity for reproduction	Based on available data, the classification criteria are not met
STOT – single exposure	Dust exposure may irritate the throat and respiratory tract. Coughing, sneezing, and shortness of breath may occur following exposures in excess of occupational exposure limits
STOT – repeated exposure	There is an indication of Chronic Obstructive Pulmonary Disease. The effects are acute and due to high exposures. No chronic effects or effects at low concentrations have been observed
Aspiration hazard	Not applicable as this products are not used as an aerosol

**Information on likely routes of exposure:**

Contact with skin, eyes, ingestion and dust inhalation.

**Symptoms relating to the physical, chemical and toxicological characteristics:**

Dust exposure may irritate the throat and respiratory tract. Coughing, sneezing, and shortness of breath may occur following exposures in excess of occupational exposure limits.

When in contact with wet skin may cause thickening, cracking or fissuring on the skin. Prolonged contact in combination with abrasion may cause severe burns.

Some individuals may develop eczema upon exposure by either the high pH which induces irritant contact dermatitis after prolonged contact, or by an immunological reaction to soluble Cr(VI) which elicits allergic contact dermatitis

**Delayed and immediate effects as well as chronic effects from short and long-term exposure:**

Delay in treating eye contact can lead to serious and permanent eye damage.

Long term exposure to dust above the exposure limits can lead to lung disease.

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### 12 ECOLOGICAL INFORMATION

#### 12.1 Toxicity:

The product is not hazardous to the environment. The addition of large amounts of the product to water may however, cause a rise in pH and may, therefore, be toxic to aquatic life under certain circumstances.

#### 12.2 Persistence and Degradability:

Not relevant as this product is an inorganic material. After hardening, it presents no toxicity risks.

#### 12.3 Bioaccumulative potential:

Not relevant as this product is an inorganic material. After hardening, it presents no toxicity risks.

#### 12.4 Mobility in Soils:

Not relevant as this product is an inorganic material. After hardening, it presents no toxicity risks.

#### 12.5 Results of PBT and vPvB assessment:

Not relevant as this product is an inorganic material. After hardening, it presents no toxicity risks.

#### 12.6 Other adverse effects:

No other adverse effects are identified.

### 13 DISPOSAL CONSIDERATIONS

#### 13.1 Waste treatment methods:

**Product** – has exceeded its shelf life (indicated on packaging);

(and when demonstrated that it contains more than 0.002% Cr (VI): shall not be used/sold other than for use other than for use in controlled closed and totally automated processes or should be recycled or disposed of according to local legislation or treated again with reducing agent.

**Product** – unused residue or dry spillage;

Pick up dry unused residue or dry spillage as is (refer to Section 6). Mark up containers. Possibly reuse depending upon shelf life considerations and the requirements to avoid dust exposure. In case of disposal, harden with water and dispose according to section 6.3 above.

**Product – slurries;**

Allow to harden, avoid entry in sewerage and drainage systems or into bodies of water. Dispose of as hardened product as concrete waste. This is not classed as a dangerous waste.

LoW/EWC entries;                   16 03 04 - inorganic wastes containing no dangerous substances.  
   17 01 01 - construction and demolition wastes – concrete.

**Packaging;**

Completely empty and clean packaging and process in accordance with local legislation.

LoW/EWC entry:                   15 01 01 - waste paper and cardboard packaging  
   15 01 02 - plastic packaging

If packaging is contaminated;

20 03 01 – mixed municipal waste

### 14 TRANSPORT INFORMATION

These products are not classified as hazardous for transport. No special precautions are needed apart from those mentioned under Section 8.

14.1 UN number – not relevant

14.2 UN proper shipping name – not relevant

14.3 Transport hazard class(es) – not relevant

14.4 Packing group – not relevant

14.5 Environmental hazards - not relevant

14.6 Special precautions for user - not relevant

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code - not relevant

### 15 REGULATORY INFORMATION

#### 15.1 Safety, health and environmental regulations/legislation specific for the substance:

The product contains Ordinary Portland Cement which is a mixture that is not subject to registration according to REACH. Cement clinker is exempt from registration (Art2.7(b) and Annex V.10 of REACH).

Workplace Exposure Limits – HSE Guidance note EH40.

Control of Substances Hazardous to Health latest Regulations.

The marketing and use of these products is subject to a restriction on the content of soluble Cr(VI) (REACH Annex XVII point 47 Chromium VI compounds).

#### 15.2 Chemical Safety Assessment:

A chemical safety assessment has not been carried out for this substance.

### 16 OTHER INFORMATION

#### 16.1 Hazard Statements:

H318: Causes serious eye damage

H315: Causes skin irritation

H317: May cause an allergic skin reaction

H335: May cause respiratory irritation

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### 16.2 Precautionary Statements:

P102: Keep out of reach of children

P280: Wear protective gloves/protective clothing/eye protection/face protection

P305+P351+P338+P310: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISEN CENTRE or doctor/physician.

P302+P352+P333+P313: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.

P261+P304+P340+P312: Avoid breathing dust/fumes,gas,mist,vapours,spray. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTRE or doctor/physician.

P501: Dispose of contents/container according to local regulations.

### 16.3 Risk Phrases:

R37/38 Irritating to respiratory system and skin

R41 Risk of serious damage to eyes

R43 May cause sensitisation by skin contact

### 16.4 Safety Phrases:

S2 Keep out of reach of children

S22 Do not breathe dust

S24/25 Avoid contact with skin and eyes

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S36/37/39 Wear suitable protective clothing, gloves and eye/face protection

S46 If swallowed, seek medical advice immediately and show this container or label

### 16.5 Abbreviations:

STEL: short-term exposure limit.

TWA: time weighted average.

vPvB: very persistent, very bioaccumulative chemical.

### 16.6 Key Literature References:

Suppliers; Safety Data Sheets. In-house data files. HSE Guidance Note EH40. Supplier's safety data sheets.PPE Regulations. COSHH Regulations.

Environmental Protection Act.

European Cement Association - CEMBUREAU

### 16.7 Revision:

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